

(Gold) Open Access in Marburg und der Welt

10.11.2014 | Dr. Bernhard Mittermaier, Forschungszentrum Jülich

Podiumsdiskussion „Braucht die Wissenschaft Open Access?“, Universität Marburg



Motivation für Open Access (1)

Measure	Result
Studies finding a positive Open Access citation advantage	27
Studies finding no Open Access citation advantage (or an OA citation disadvantage)	4
Size of OA citation advantage when found (and where explicitly stated by discipline)	% increase in citations with Open Access
Physics/astronomy	170 to 580
Mathematics	35 to 91
Biology	-5 to 36
Electrical engineering	51
Computer science	157
Political science	86
Philosophy	45
Medicine	300 to 450
Communications studies (IT)	200
Agricultural sciences	200 to 600

Swan, Alma (2010): The Open Access citation advantage: Studies and results to date.
<http://eprints.soton.ac.uk/id/eprint/268516>

Motivation für Open Access (2)



What are we proposing for OA in Horizon 2020 ?

OA Pilot in FP7

- 'Best effort' to provide OA
- 7 areas
- Peer-reviewed publications
- Allowed embargos: 6/12 months

OA mandate in H2020

- Obligation to provide OA
- All areas
- Peer-reviewed publications
- Allowed embargos: 6/12 months
- Plus: 'pilot' for research data

Green OA



OA publishing costs

- Eligible while project runs

Gold OA

OA publishing costs

- Eligible while project runs
- Plus (tbc): possibility to cover later publications, under conditions to define

[http://www.scienceeurope.org/uploads/GRC/Open Access/2 Daniel Spichtinger.pdf/](http://www.scienceeurope.org/uploads/GRC/Open%20Access/2_Daniel_Spichtinger.pdf/)

Motivation für Open Access (2)



What are we proposing for OA in Horizon 2020 ?

„Die Kommission hat ferner den Mitgliedstaaten empfohlen, bei den Ergebnissen der Forschung, die sie im Rahmen ihrer nationalen Programme fördern, ähnlich vorzugehen. So sollen bis 2016 von den veröffentlichten Ergebnissen der in Europa öffentlich geförderten Forschung **60 %** frei zugänglich sein.“

http://europa.eu/rapid/press-release_IP-12-790_de.htm

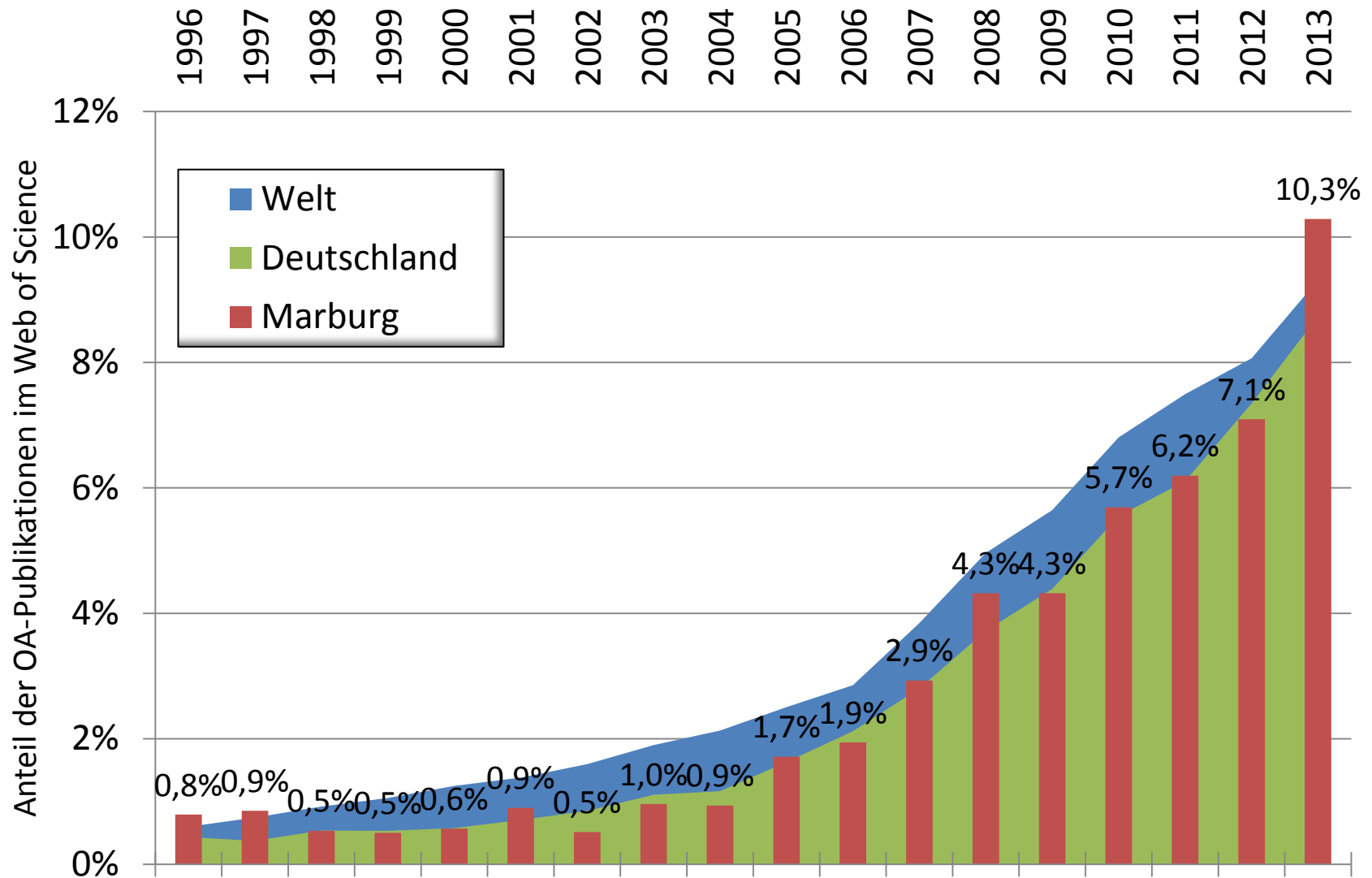
http://www.scienceeurope.org/uploads/GRC/Open Access/2_Daniel_Spichtinger.pdf/

Motivation für Open Access (3)

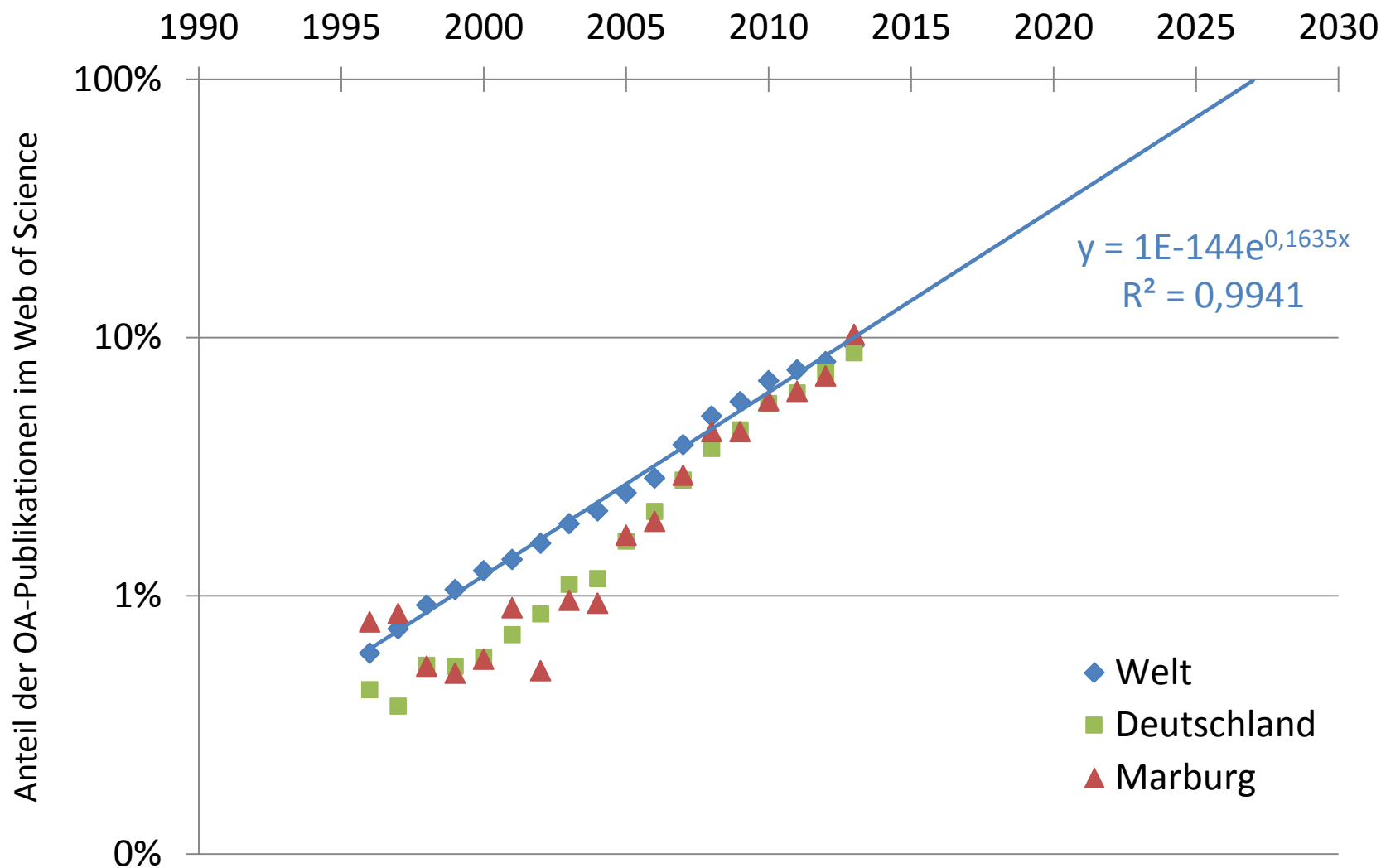
- “Outsell estimates that the **average APC** (distorted somewhat by discounts and waivers, but excluding membership revenues) was about **\$660** in 2011; in 2015, this will increase to roughly **\$950**.”
- “Though lost potential revenues from green OA are difficult to quantify, Outsell also estimates that (..) the **revenue per subscription article** will decrease by about \$100, from **\$4,000** today to **\$3,900**. (This is assuming, as shown earlier, that the total number of articles increases by 4.5% and journal subscriptions increase to roughly \$6.7 billion in 2015.)”



Anteil OA-Artikel im Web of Science



Extrapolation des Open Access-Anteils



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Vielen Dank für die Aufmerksamkeit!

